HYDROLOGIC SERVICE AREA (HSA) **U.S. DEPARTMENT OF COMMERCI NWS FORM E-5** NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRAT (11-88)CE San Angelo, Tx NATIONAL WEATHER SERVI (PRES. BY WSOM E-41) REPORT FOR: MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS MONTH YEAR 1999 August **SIGNATURE** TO: Hydrometeorological Information Center, W/OH2 Amy McCullough NOAA / National Weather Service In Charge of HSA 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283 DATE September 2,1999

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

[X] No flood stages were reached in this HSA for the month above.

The month of August was a continuation of the hot and dry summer across the San Angelo HSA. No river floods occurred. Although there were several days with shower activity on the radar, most of the showers were isolated to widely scattered and produced very little rainfall. One flash flood warning was issued on August 1st for an isolated thunderstorm in Crockett County along the Howard Draw. Rainfall estimates indicated around 4 inches of rain with this storm. No reports of flooding were received. The heaviest and most widespread rainfall days were August 2nd, 4th, 24th, and 28th. Thunderstorms across the western half of the Big Country on August 2nd and 3rd brought about ½ inch of rainfall to Nolan and Jones along the Clear Fork of the Brazos River. Rainfall was more widespread on the 4th, covering the northern 2/3 of the HSA. Isolated rainfall amounts of 1 inch occurred west of Abilene and north of San Angelo. Most areas saw 1/4 inch or less. On the 24th, scattered showers again moved across the Big Country, bringing isolated rainfall totals of 1 to 1.25 inches mainly across Fisher, Jones and Shackelford Counties. Widespread rainfall on the 28th occurred across the Concho Valley and Heartland. Southern Brown and southwest San Saba Counties saw nearly 2 inches of rainfall with these storms.

August 1999 was tied the record as the fourth driest August for San Angelo. The 0.03 inches that fell at the airport tied the record set in 1922 and 1983. Normal Rainfall for August is 1.93 inches. Abilene received 0.42 inches of rainfall, which is 2.38 inches below normal for the month. Abilene recorded the 5th warmest August on record with 18 days of at least 100 degree temperatures. Most of the San Angelo HSA received below normal rainfall for August. The wettest areas were across Brown and San Saba Counties, but rainfall amounts were still relatively low.

Soil moisture remains dry, reservoirs are WELL below conservation levels, and the threat of flooding remains low.

For the month of August, San Angelo received 2.77 inches of rainfall, which is 0.84 inches above normal. San Angelo remains below normal for the year, with 8.94 inches so far, 3.83 inches below normal. Abilene received only 0.47 inches of rainfall, which is 2.33 inches below normal. Abilene remains well below normal for the year, with 9.86 inches, 6.31 inches below normal.

River products issued this month:

River Flood Warnings: 3, for 2 forecast points

River Flood Statements: 1
River Statements: 5
Daily River Reports: 31